ABSTRACT OF THE DISCLOSURE

An image processing apparatus detects a noise area in image data generated by decoding encoded data encoded by a frequency transform method and a lossy compression method. The image processing apparatus includes a motion detection unit for detecting motion in an area having at least one pixel in the image data, a deviation detection unit for detecting the deviation of the image motion in the area having at least one pixel, and a noise detection unit for detecting the noise area in accordance with the deviation of the image motion.